

217/782-2113

CONSTRUCTION PERMIT -- NSPS SOURCE -- REVISED

PERMITTEE

ExxonMobil Corporation
Attn: Paul A. Lipps
12909 High Road
Lockport, Illinois 60441

Application No.: 03060042
Applicant's Designation:
Subject: Loading Rack and Tanks
Date Issued: April 24, 2006
Location: 12909 High Road, Lockport

I.D. No.: 197810AAL
Date Received: March 15, 2006

Permit is hereby granted to the above-designated Permittee to CONSTRUCT emission source(s) and/or air pollution control equipment consisting of a modification to the source to increase petroleum product throughput rates for storage tanks and a loading rack as described in the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. Operation of the rack for gasoline shall not exceed a throughput of 42,000,000 gallons/month and 307,500,000 gallons/year. For this purpose, gasoline means any petroleum distillate or petroleum distillate/alcohol blend having a Reid vapor pressure of 27.6 kPa or greater, which is used as a fuel for internal combustion engines, as defined by 35 IAC 211.2570.
- b. Operation of the rack for distillate oil shall not exceed a throughput of 15,000,000 gallons/month and 100,000,000 gallons/year.
- 2a. i. Emissions from storage of material including roof landing losses, by category of service, shall not exceed the following limits:

<u>Service</u>	<u>VOM Emissions</u>	
	<u>(Tons/Month)</u>	<u>(Tons/Year)</u>
Gasoline	2.5	14.98
Distillate Oil	---	1.00
Other (Ethanol, Additive, Product Water/Mixture)	---	0.32
	Total:	16.30

- ii. Fugitive emissions of VOM from leaking components (valves, pumps, flanges, etc.) associated with storage tanks shall not exceed 0.48 tons/year.

- b. i. Emissions from the loading rack shall not exceed the following limits:

<u>Service</u>	<u>VOM Emissions</u>	
	<u>(Tons/Month)</u>	<u>(Tons/Year)</u>
Gasoline Loading	1.85	12.83
Distillate Loading	0.11	0.71
Fugitives	---	<u>10.26</u>
	Total:	23.80

- ii. The total organic emission rate for the loading rack, excluding fugitive losses, shall not exceed 10.00 milligrams per liter of gasoline loaded.
- iii. Emissions attributable to combustion of fuel in the vapor collection system shall not exceed the following limits:

<u>Pollutant</u>	<u>VOM Emissions</u>	
	<u>(Tons/Month)</u>	<u>(Tons/Year)</u>
Nitrogen Oxides	1.00	6.80
Carbon Monoxide	2.40	17.00

- c. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 months total).
3. The source has addressed the applicability and compliance of 35 IAC Part 203, Major Stationary Sources Construction and Modification (See Attachment 1). The limits established by this permit are intended to ensure that the modification addressed in this construction permit does not constitute a major modification pursuant to these rules.
4. The Permittee shall maintain records of the following items:
- a. Throughput for each type of product through each storage tank (gallons/month and gallons/year);
- b. Throughput for each type of product through the loading rack (gallons/month and gallons/year); and
- c. VOM emissions from each tank and the loading rack (tons/month and tons/year) with supporting calculations.
- 5a. This permit does not relax or revise requirements for storage tanks and the loading rack as established in 40 CFR 60, Subpart XX and 35 IAC 218 and set forth in the Clean Air Act Permit Program (CAAPP) permit for the source, CAAPP Permit 95090243.
- b. This permit does not relax or revise recordkeeping, monitoring, testing, or reporting requirements set forth in the CAAPP Permit for

the source. In addition, general requirements of the CAAPP permit with respect to retention and availability of records and submission of reports shall apply to the recordkeeping and reporting requirements of this permit.

6. This permit establishes new operating and emission limitations for the loading rack and tanks that will supersede requirements for the loading rack and tanks established in the CAAPP permit.
7. The storage tanks and loading rack may be operated under this construction permit until renewal of the CAAPP permit or a modification of the CAAPP permit has been issued provided a timely application is submitted to amend the CAAPP permit to incorporate this modification.

Please note that the limitations in the permit for storage of distillate oil have been revised to also account for the emissions associated with storage of oil that is subsequently shipped from the facility by pipeline, as well as oil shipped out by the truck loading rack.

If you have any questions on this, please call Jason Schnepf at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:JMS:psj

cc: Region 1
Lotus Notes

Attachment 1

Nonattainment NSR Applicability - VOM Netting Analysis

Contemporaneous Time Period of 1999 Through 2003

Table I - Emissions Increases and Decreases Associated With The Proposed Modification

<u>Item of Equipment</u>	<u>Past Actual* (Tons/Yr)</u>	<u>Future Potential (Tons/Yr)</u>	<u>Emissions Increase (Tons/Year)</u>
Gasoline Storage Tanks	14.59	14.98	0.39
Distillate Storage Tanks	0.23	1.00	0.77
Ethanol Storage Tanks	0.15	0.21	0.06
Additive Storage Tanks	0.05	0.06	0.01
Product Water/Mixture Storage Tanks	0.01	0.04	0.03
Fugitives (Storage Tank Related)	0.48	0.48	0.00
Loading Rack (Distillate Service)	0.57	0.71	0.14
Loading Rack (Gasoline Service)	1.77	12.83	11.06
Loading Rack Fugitives	<u>6.17</u>	<u>10.26</u>	<u>4.09</u>
Total:	24.02	40.57	16.55

* The Past Actual emissions are calculated by taking the average of the emission data from the previous two calendar years.

Table II - Source-Wide Creditable Contemporaneous Emission Increases

<u>Item of Equipment</u>	<u>Commencement of Operational Change Date</u>	<u>Emissions Increase (Tons/Year)</u>	<u>Permit Number</u>
None			

Table III - Source-Wide Creditable Contemporaneous Emission Decreases

<u>Item of Equipment</u>	<u>Commencement of Operational Change Date</u>	<u>Emissions Decrease (Tons/Year)</u>	<u>Permit Number</u>
None			

Table IV - Net Emissions Change

	<u>(Tons/Year)</u>
Increases And Decreases Associated With Proposed Modification	16.55
Creditable Contemporaneous Emission Increases	0.00
Creditable Contemporaneous Emission Decreases	<u>0.00</u>
	16.55

